

Form PTO-1449 (modified)

ATTY. DOCKET NO.
DEKM:055/PARSERIAL NO.
08/113,561List of Patent Publications
For Applicant's Information
Disclosure StatementAPPLICANT
Adams et al.

(Use several sheets if necessary)

FILING DATE
August 25, 1993GROUP
Unknown 1638

U.S. PATENT DOCUMENTS

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	B42	0 131 623 B1	4/84	Europe			
	B43	WO 93/19190	9/93	PCT			
	B44	WO 93/08682	5/93	PCT			
	B45	WO 93/07278	4/93	PCT			
	B46	WO 92/19731	11/92	PCT			
	B47	WO 92/09696	6/92	PCT			
	B48	WO 91/16432	10/91	PCT			

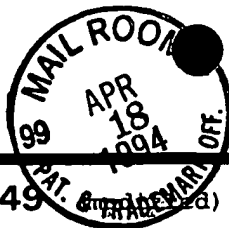
OTHER ART (Author, Title, Journal, Volume, Pertinent Pages, & Date)

	C179	Dupuis, I. and Pace, G.M., Gene transfer to maize male reproductive structure by particle bombardment of tassel primordia, <i>Plant Cell Reports</i> , 12:607-611, 1993.
	C180	Fitzpatrick, T., Pleiotropic Gene Found In Barley Plant, <i>Genetic Engineering News</i> , 13:(5), 1993.
	C181	Gould et al., Transformation of <i>Zea mays</i> L. Using <i>Agrobacterium tumefaciens</i> and the Shoot Apex, <i>Plant Physiol.</i> , 95:426-434, 1991.
	C182	Gould et al., Transformation of the Graminae by <i>Agrobacterium Tumefaciens</i> , <i>ISPMB</i> , Abstract #1277, 1991.
	C183	Hong et al., Developmental and organ-specific expression of an ABA- and stress-induced protein in barley, <i>Plant Molecular Biology</i> , 18:663-674, 1992.
	C184	Howe et al., Development of Glyphosate as a Selectable Marker for the Production of Fertile Transgenic Corn Plants, Abstract #P-1136.
	C185	Kaeppeler et al., Silicon carbide fiber-mediated DNA delivery into plant cells, <i>Plant Cell Reports</i> , 9:415-418, 1990.

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	B49	WO 90/02801	3/90	PCT			
	B50	WO 89/04371	5/89	PCT			

OTHER ART (Author, Title, Journal, Volume, Pertinent Pages, & Date)

	C186	Langridge et al., Transformation of cereals via Agrobacterium and the pollen pathway: a critical assessment, <i>The Plant Journal</i> , 2:(4)631-638, 1992.
	C187	Leemans, J., Genetic Engineering For Fertility Control, <i>Invitro Cellular & Developmental Biology</i> , 28:(3) Abstract #Y016, 1992.
	C188	Laursen et al., Production of fertile transgenic maize by electroporation of suspension culture cells, <i>Plant Molecular Biology</i> , 24:51-61, 1994.
	C189	Morocz et al., An improved system to obtain fertile regenerants via maize protoplasts isolated from a highly embryogenic suspension culture, <i>Theor Appl Genet</i> , 80:721-726, 1990.
	C190	Murry et al., Transgenic Corn Plants Expressing MDMV Strain B Coat Protein are Resistant to Mixed Infections of Maize Dwarf Mosaic Virus and Maize Chlorotic Mottle Virus, <i>Bio/Technology</i> , 11:1559-1564, 1993.
	C191	Omirulleh et al., Activity of a chimeric promoter with the doubled CaMV 35S enhancer element in protoplast-derived cells and transgenic plants in maize, <i>Plant Molecular Biology</i> , 21:415-428, 1993.
	C192	Park, S.H. and Smith, R.H., Selection of Maize Transformants from Shoot Apex Cultures Cocultivated with <i>Agrobacterium</i> Containing the Bar Gene, <i>In Vitro</i> , 29A:(3) Abstract #P-1102, 1993.
	C193	Rasmussen et al., Biolistic transformation of tobacco and maize suspension cells using bacterial cells as microprojectiles, <i>Plant Cell Reports</i> , 13:212-217, 1994.
	C194	Sahi et al., Metabolites in Maize Which Affect Virulence Induction in <i>Agrobacterium Tumefaciens</i> , <i>Plant Physiology</i> , Abstract #514, 1989.

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289	A11	4,559,301	1985	Ingolia et al.	435	172.3	

FOREIGN PATENT DOCUMENTS

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	B18	0,141,373	1984 5/85	Europe			
	B19	WO-85/02973	1985 / 6	PCT			
	B20	EP-0,202,668	1986 / 11	Europe			
	B21	EP-0,282,164	1988 / 9	Europe			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	C10	Tomes, "Status Of Corn Transformation." 26th Annual Corn Breeders School, Annual Meeting Proceedings, U. Illinois, Feb 26-27, 1990, p 7-8
	C11	Ludwig et al., "A Regulatory Gene as a Novel Visible Marker for Maize Transformation," <i>Science</i> , 247:449-450, 1990
	C12	Spencer et al., "Bialaphos Selection of Stable Transformants from Maize Cell Culture," <i>Theor. Appl. Genet.</i> , 79:625-631, May, 1990
	C13	Christou et al., "Cotransformation Frequencies of Foreign Genes in Soybean Cell Cultures," <i>Theor. Appl. Genet.</i> , 79:337-341, 1990
	C14	White et al., "A Cassette Containing the Bar Gene of <i>Streptomyces hygrosopicus</i> : A Selectable Marker for Plant Transformation," <i>Nucleic Acids Res.</i> , 18:1062, 1990
289	C15	Prioli et al., "Plant Regeneration and Recovery of Fertile Plants from Protoplasts of Maise (ZEA MAYS L.)," <i>Bio/Technology</i> , 7:589-594, 1989

EXAMINER

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EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
JRP	A12	5,049,500	09/17/91	Arnizen et al	435	172.3	

FOREIGN PATENT DOCUMENTS

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	B22	EP-0,262,971	1988/4	Europe			
	B23	EP-0,280,400	1988/8	Europe			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	C16	Shimamoto et al., "Fertile Transgenic Rice Plants Regenerated from Transformed Protoplasts," <i>Nature</i> , 338:274-276, 1989
	C17	Potrykus, "Gene Transfer to Cereals: An Assessment," <i>Tibtech</i> , 7:269-273, 1989
	C18	Shillito et al., "Regeneration of Fertile Plants from Protoplasts of Elite Inbred Maize," <i>Bio/Technology</i> , 7:581-587, 1989
	C19	Dekeyser et al., "Genetic Transformation of Maize Cells by Particle Bombardment," <i>Plant Physiol.</i> , 90:217-223, 1989
	C20	De Greef et al., "Evaluation of Selectable Markers for Rice Transformation," <i>Bio/Technology</i> , 7:61-64, 1989
	C21	Kartha et al., "Transient Expression of Chloramphenicol Acetyltransferase (CAT) Gene in Barley Cell Cultures and Immature Embryos through Microprojectile Bombardment," <i>Plant Cell Reports</i> , 8:429-432, 1989
	C22	Mendel et al., "Delivery of Foreign Genes to Intact Barley Cells by High-Velocity Microprojectiles," <i>Theor. Appl. Genet.</i> , 78:31-34, 1989
	C23	Twell et al., "Transient Expression of Chimeric Genes Delivered into Pollen by Microprojectile Bombardment," <i>Plant Physiol.</i> , 91:1270-1274, 1989

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U.S. PATENT DOCUMENTS

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
JP	A13	5,177,010	01/05/93	Goldman et al.	435	172.3	

FOREIGN PATENT DOCUMENTS

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	B24	EP-0,290,395	1988 / 11	Europe	1	1	1
	B25	EP-0,299,552	1988 / 1	Europe	1	1	1

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	C24	Chandler et al., "Two Regulatory Genes of the Maize Anthocyanin Pathway Are Homologous: Isolation of B Utilizing R Genomic Sequences," <i>The Plant Cell</i> , 1:1175-1183, 1989
	C25	Ludwig et al., "Lc, A Member of the Maize R Gene Family Responsible for Tissue-Specific Anthocyanin Production, Encodes a Protein Similar to Transcriptional Activators and Contains the myc-homology Region," <i>Proc. Natl. Acad. Sci. USA</i> , 86:7092-7096, 1989
	C26	Klein et al., "Regulation of Anthocyanin Biosynthetic Genes Introduced into Intact Maize Tissues by Microprojectiles," <i>Proc. Natl. Acad. Sci. USA</i> , 86:6681-6685, 1989
	C27	Hooykaas, "Transformation of Plant Cells via Agrobacterium," <i>Plant Mol. Biol.</i> , 13:327-336, 1989
	C28	Evans, "Somaclonal Variation-Genetic Basis and Breeding Applications," <i>Trends Genet.</i> , 5:46-50, 1989
	C29	Klein et al., "Genetic Transformation of Maize Cells by Particle Bombardment," <i>Plant Physiol.</i> , 91:440-444, 1989
JP	C30	Cytodifferentiation During Callus Initiation and Somatic Embryogenesis in Zea Mays L., Fransz, P.F., Ph.D. Thesis, U. of Wageningen Press, the Netherlands, 1988.

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JP	A14	4,761,373	08/02/88	Anderson et al	435	172.3	

FOREIGN PATENT DOCUMENTS

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	B27	WO 90/10725	1990 / 9	PCT			
	B28	WO 91/10725	1991 / 7	PCT			
	B29	EP-0,442,174	1990 8/91	Europe			
	B30	EP-0,331,855	1989 / 9	Europe			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	C31	Rhodes et al., "Genetically Transformed Maize Plants from Protoplasts," <i>Science</i> , 240:204-207, 1988					
	C32	Ulian et al., "Transformation of Plants via the Shoot Apex," <i>In Vitro Cellul. & Dev. Biol.</i> , No. 9:951-954, 1988					
	C33	Hauptmann et al., "Evaluation of Selectable Markers for Obtaining Stable Transformants in the Gramineae" <i>Plant Physiol.</i> , 86:602-606, 1988					
	C34	Klein et al., "Factors Influencing Gene Delivery into Zea Mays Cells by High Velocity Microprojectiles," <i>Bio/Technology</i> , 6:559-563, 1988					
	C35	Christou et al., "Stable Transformation of Soybean Callus by DNA-Coated Gold Particles," <i>Plant Physiol.</i> , 87:671-674, 1988					
	C36	McCabe et al., "Stable Transformation of Soybean (Glycine Max) by Particle Acceleration," <i>Bio/Technology</i> , 6:923-926, 1988					
	C37	Stanford, "The Biolistic Process," <i>Trends in Biotechnology</i> , 6:299-302, 1988					
JP	C38	Wang et al., "Transient Expression of Foreign Genes in Rice, Wheat and Soybean Cells Following Particle Bombardment," <i>Plant Mol. Biol.</i> , 11:433-439, 1988					

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~~184~~ 1630**U.S. PATENT DOCUMENTS**

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>219</i>	A15	5,188,958	02/23/93	Moloney et al.	435	240.4	

FOREIGN PATENT DOCUMENTS

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	B31	EP-0,289,479	1988/11	Europe			
	B32	EP-0,204,549	1986/12	Europe			
	B33	EP-0,193,259	1986/19	Europe			
	B34	PCT/US91/001 83 467,983	MAY 1991	PCT			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	C39	Klein et al., "Transfer of Foreign Genes into Intact Maize Cells with High-Velocity Microprojectiles" <i>Proc. Natl. Acad. Sci. USA</i> , 85:4305-4309, 1988
	C40	Rhodes et al., "Plant Regeneration from Protoplasts Isolated from Embryogenic Maize Cell Cultures," <i>Bio/Technology</i> , 6:56-60, 1988
	C41	Smith et al., "Plant Physiology," <i>Plant Physiology</i> , (Suppl), 86:108, Abstract 646, 1988
	C42	Gould et al., "Shoot Tip Culture as a Potential Transformation System," Beltwide Cotton Production Research Conferences, Jan 3-8, 1988, New Orleans, La, Abstract on p 91
	C43	Lutchke et al., "Selection of AUG Initiation Codons Differs in Plants and Animals," <i>EMBO J.</i> , 6:43-48, 1987
	C44	Jefferson, "Assaying Chimeric Genes in Plants: The GUS Gene Fusion System," <i>Plant Mol. Biol. Reporter</i> , 5:387-405, 1987
	C45	Callis et al., "Introns Increase Gene Expression in Cultured Maize Cells," <i>Genes & Devel.</i> , 1:1183-1200, 1987

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